

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A dual analyzer comprising
 - (A) a hydrogen-flame photometric analyzer for a thin-layer chromatograph, comprising
 - (1) a hydrogen burner capable of forming a hydrogen flame;
 - (2) a moving means capable of moving a thin-layer chromatography element composed of a heat-resistant support and a heat-resistant chromatography carrier and/or the hydrogen burner at a predetermined speed so that analytes separated on a the chromatography carrier of the thin-layer chromatography element may be sequentially burned by the hydrogen flame formed by the hydrogen burner;
 - (3) a spectroscopic means capable of resolving a light emitted from the hydrogen flame;
 - (4) a light-analyzing means capable of analyzing an intensity of a light resolved by the spectroscopic means; and
 - (5) a light-guide between the hydrogen flame formed by the hydrogen burner and the spectroscopic means, and
 - (B) a hydrogen-flame ionization detector.
2. (canceled).

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3. (previously presented): The dual analyzer according to claim 1 further comprising a mechanical shutter between the spectroscopic means and the light-analyzing means.

4. (previously presented): The dual analyzer according to claim 1, wherein plural spectroscopic means having different transmission wavelengths are furnished, and the light-analyzing means capable of analyzing an intensity of a resolved light is provided for each of the spectroscopic means.

5. (previously presented): The dual analyzer according to claim 1, further comprising a prism, and plural light-analyzing means capable of analyzing intensities of light resolved by the prism.

6. (canceled).

7. (canceled).

8. (canceled).

9. (previously presented): The dual analyzer according to claim 3, wherein plural spectroscopic means having different transmission wavelengths are furnished, and the light-

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analyzing means capable of analyzing an intensity of a resolved light is provided for each of the spectroscopic means.

10. (previously presented): The dual analyzer according to claim 3, further comprising a prism, and plural light-analyzing means capable of analyzing intensities of light resolved by the prism.